

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U051619\
 Data File : VU032056.D
 Acq On : 16 May 2019 18:10
 Operator : JC/SP
 Sample : K2739-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB894

Quant Time: May 17 07:59:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 17 07:17:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	376615	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	388648	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150949	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	72130	2.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	45.40%
7) Chloroethane-d5	1.67	69	79613	2.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	58.80%#
11) 1,1-Dichloroethene-d2	2.27	63	112899	2.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	44.60%#
20) 2-Butanone-d5	4.19	46	287870	46.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.44%
24) Chloroform-d	4.64	84	205180	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.60%
26) 1,2-Dichloroethane-d4	5.31	65	107650	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
32) Benzene-d6	5.33	84	369682	3.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.40%#
36) 1,2-Dichloropropane-d6	6.32	67	124181	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.60%
41) Toluene-d8	7.56	98	292771	2.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.00%#
43) trans-1,3-Dichloropropene-	7.85	79	37169	2.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.60%
46) 2-Hexanone-d5	8.31	63	230088	40.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117611	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	120642	3.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.40%#

Target Compounds

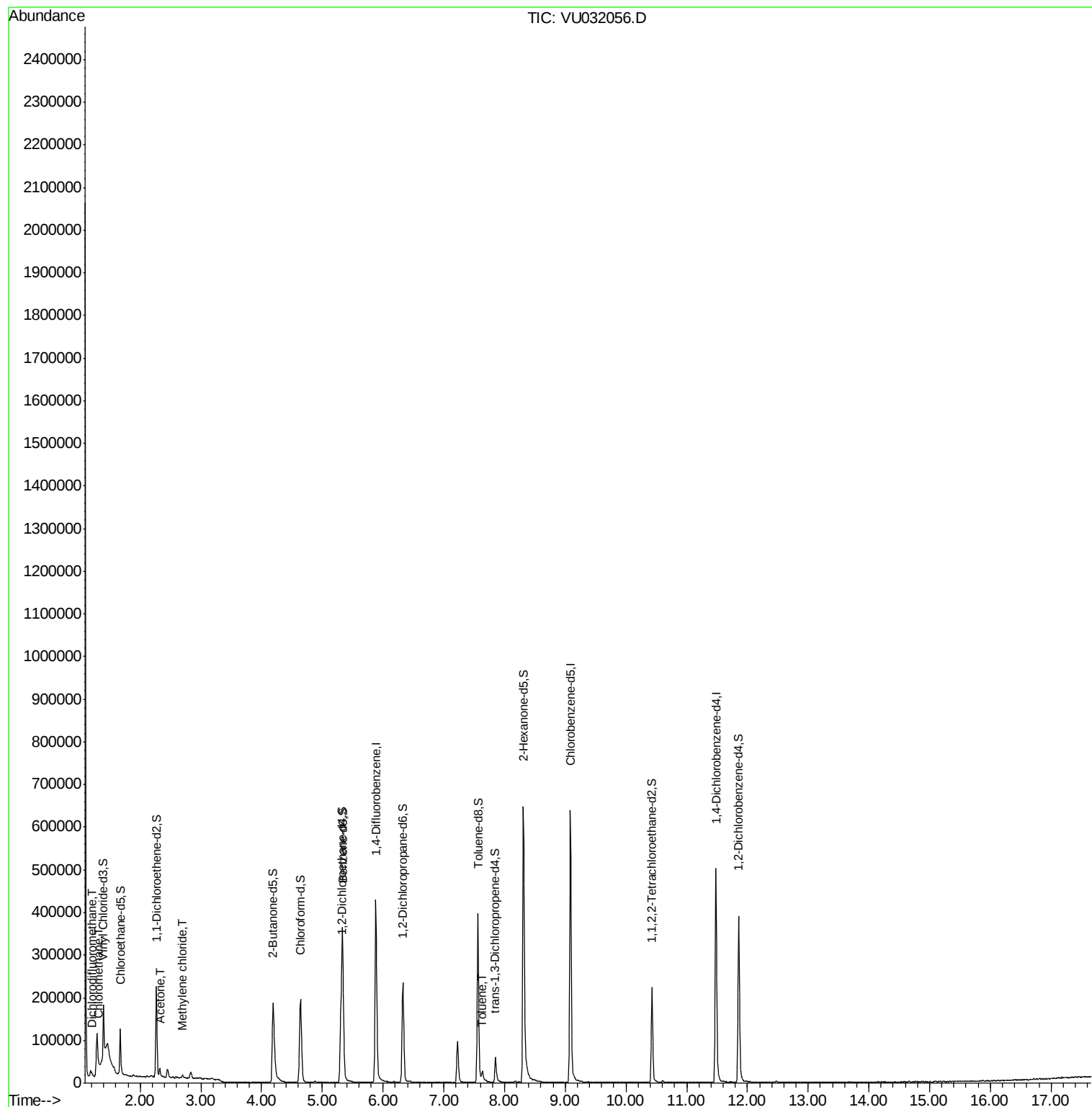
					Ovalue
2) Dichlorodifluoromethane	1.21	85	2320	0.123 ug/L	95
3) Chloromethane	1.33	50	3754	0.208 ug/L	84
13) Acetone	2.32	43	17790	8.701 ug/L	95
16) Methylene chloride	2.69	84	2596	0.144 ug/L	80
42) Toluene	7.64	91	17761	0.284 ug/L	85

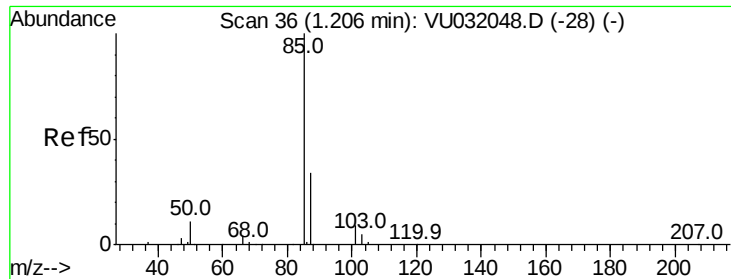
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
Data File : VU032056.D
Acq On : 16 May 2019 18:10
Operator : JC/SP
Sample : K2739-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB894

Quant Time: May 17 07:59:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.123 ug/L

RT: 1.21 min Scan# 36

Delta R.T. 0.00 min

Lab File: VU032056.D

Acq: 16 May 2019 18:10

Instrument :

MSVOA_U

ClientSampleId :

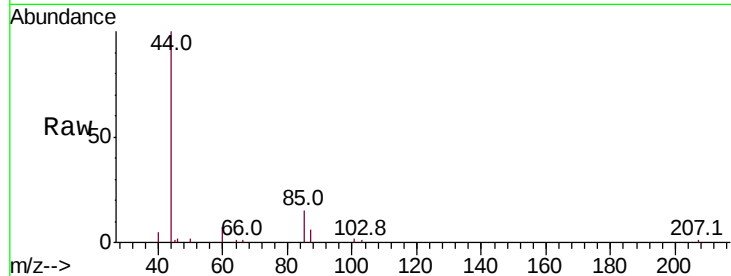
DB894

Tot Ion: 85 Resp: 2320

Ion Ratio Lower Upper

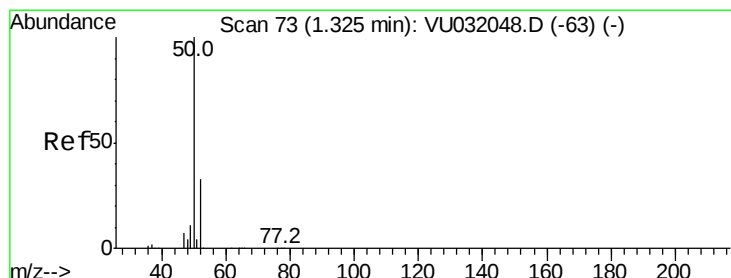
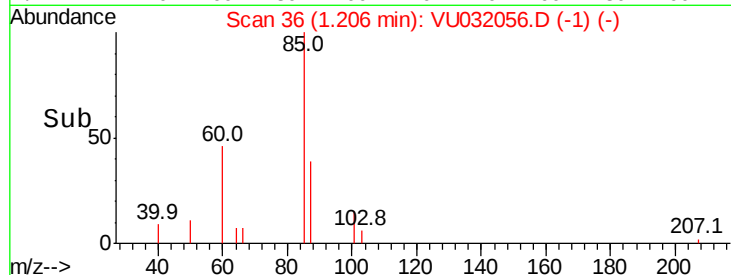
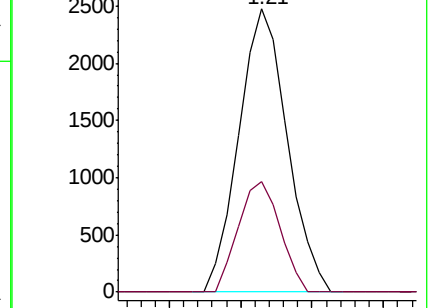
85 100

87 33.7 24.8 37.2



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 0.208 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032056.D

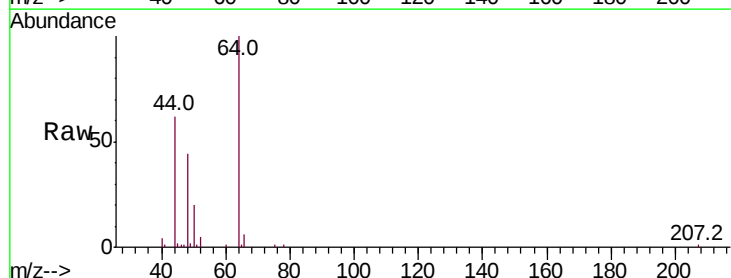
Acq: 16 May 2019 18:10

Tgt Ion: 50 Resp: 3754

Ion Ratio Lower Upper

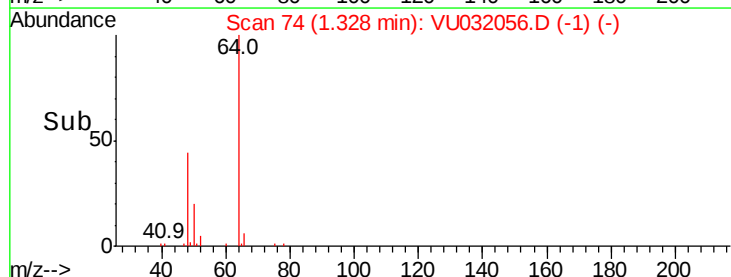
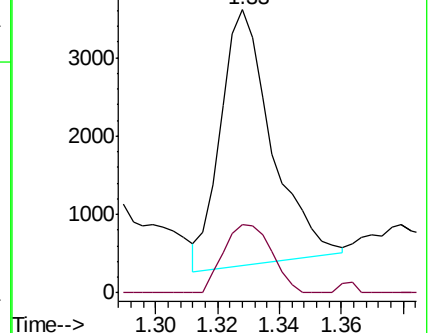
50 100

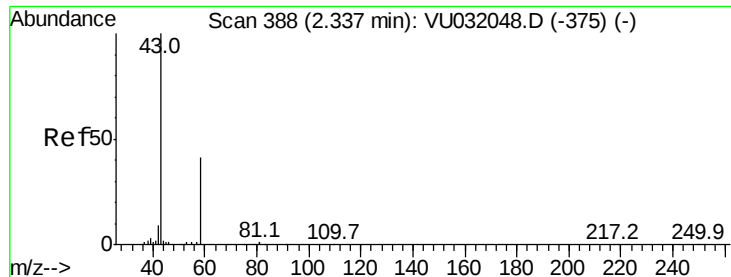
52 24.2 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0





#13

Acetone

Concen: 8.701 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.02 min

Lab File: VU032056.D

Acq: 16 May 2019 18:10

Instrument :

MSVOA_U

ClientSampleId :

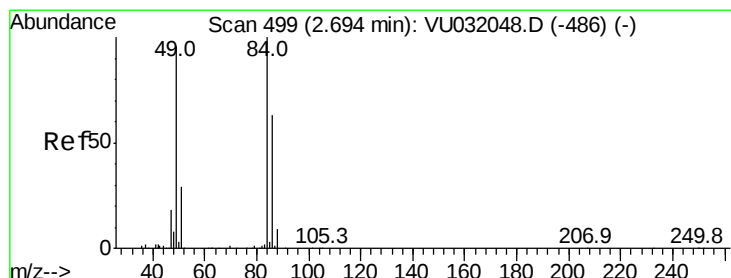
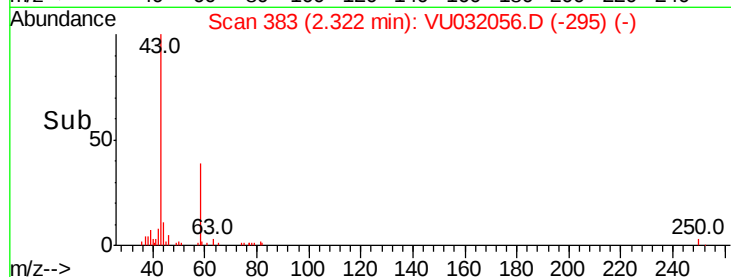
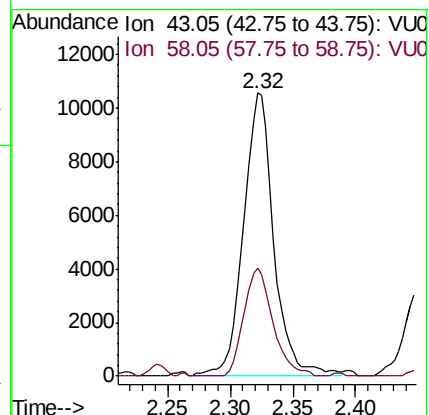
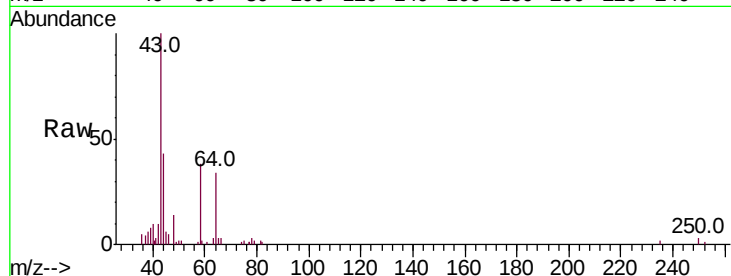
DB894

Tot Ion: 43 Resp: 17790

Ion Ratio Lower Upper

43 100

58 36.4 0.0 78.8



#16

Methylene chloride

Concen: 0.144 ug/L

RT: 2.69 min Scan# 498

Delta R.T. -0.00 min

Lab File: VU032056.D

Acq: 16 May 2019 18:10

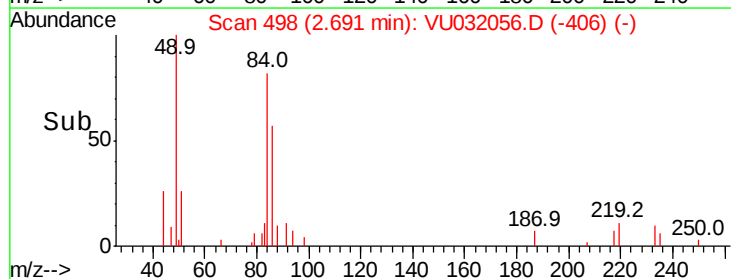
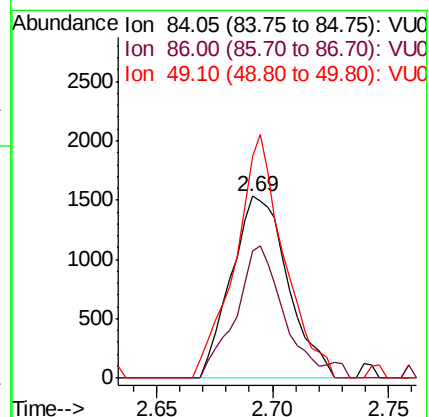
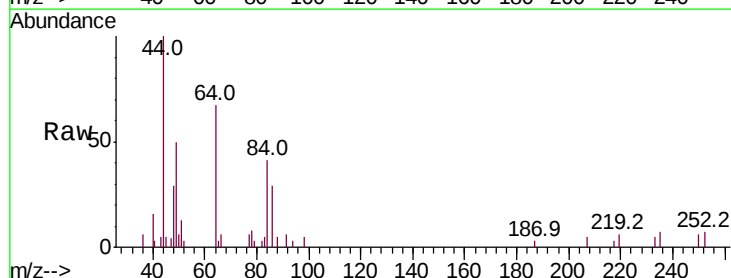
Tgt Ion: 84 Resp: 2596

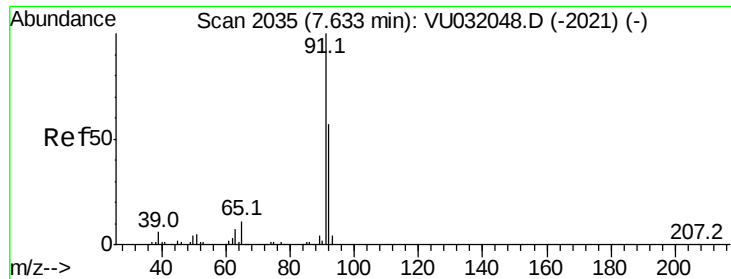
Ion Ratio Lower Upper

84 100

86 70.0 43.1 80.1

49 122.0 67.7 125.7





#42

Toluene

Concen: 0.284 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU032056.D

Acq: 16 May 2019 18:10

Instrument :

MSVOA_U

ClientSampleId :

DB894

Tot Ion: 91 Resp: 17761

Ion Ratio Lower Upper

91 100

92 46.3 40.2 74.6

